

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/849,117

1633 RUSH

DATE: 06/08/1999  
TIME: 09:43:41

INPUT SET: S32143.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

ENTERED

SEQUENCE LISTING

1  
2  
3 (1) General Information:  
4  
5 (i) APPLICANTS: Hallenbeck, Paul L.  
6 Chang, Yung-Nien  
7 Chiang, Yawen L.  
8  
9 (ii) TITLE OF INVENTION: Vectors for Tissue-Specific Replication  
10  
11 (iii) NUMBER OF SEQUENCES: 8  
12  
13 (iv) CORRESPONDENCE ADDRESS:  
14 (A) ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
15 (B) STREET: 1100 New York Avenue NW  
16 (C) CITY: Washington  
17 (D) STATE: D.C.  
18 (E) COUNTRY: U.S.A.  
19 (F) ZIP: 20005-3934  
20  
21 (v) COMPUTER READABLE FORM:  
22 (A) MEDIUM TYPE: Floppy disk  
23 (B) COMPUTER: IBM PC compatible  
24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30  
26  
27 (vi) CURRENT APPLICATION DATA:  
28 (A) APPLICATION NUMBER: 08/849,117  
29 (B) FILING DATE: 1-AUG-1997  
30 (C) CLASSIFICATION:  
31  
32 (vii) PRIOR APPLICATION DATA:  
33 (A) APPLICATION NUMBER: US 08/487,992  
34 (B) FILING DATE: 07-JUN-1995  
35 (C) CLASSIFICATION:  
36  
37 (viii) PRIOR APPLICATION DATA:  
38 (A) APPLICATION NUMBER: US 08/348,258  
39 (B) FILING DATE: 28-NOV-1994  
40 (C) CLASSIFICATION:  
41  
42 (ix) ATTORNEY/AGENT INFORMATION:  
43 (A) NAME: Esmond, Robert W.  
44 (B) REGISTRATION NUMBER: 32,893  
45 (C) REFERENCE/DOCKET NUMBER: 1136.0020002  
46

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PATENT APPLICATION US/08/849,117DATE: 06/08/1999  
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## 47 (x) TELECOMMUNICATION INFORMATION:

48 (A) TELEPHONE: (202) 371-2600

49 (B) TELEFAX: (202) 371-2540

50 (C) TELEX: 248636 SSK

51

52

53

## 54 (2) INFORMATION FOR SEQ ID NO:1:

55

## 56 (i) SEQUENCE CHARACTERISTICS:

57 (A) LENGTH: 66 base pairs

58 (B) TYPE: nucleic acid

59 (C) STRANDEDNESS: single

60 (D) TOPOLOGY: linear

61

## 62 (ii) MOLECULE TYPE: DNA

63

64

## 65 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

66

67 GGGCGCGCCC TGGAAAGTCC GGCTGGGGCG GGGACTGTGG GTTTCAGGGT AGAACTGCGT 60

68

69 GTGGAA 66

70

## 71 (2) INFORMATION FOR SEQ ID NO:2:

72

## 73 (i) SEQUENCE CHARACTERISTICS:

74 (A) LENGTH: 64 base pairs

75 (B) TYPE: nucleic acid

76 (C) STRANDEDNESS: single

77 (D) TOPOLOGY: linear

78

## 79 (ii) MOLECULE TYPE: DNA

80

81

## 82 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

83

84 CGGGACAGGG AGCGGTTAGA AGGGTGGGGC TATTCGGGA AGTGGTGGGG GGAGGGA ACT 60

85

86 AGTA 64

87

## 88 (2) INFORMATION FOR SEQ ID NO:3:

89

## 90 (i) SEQUENCE CHARACTERISTICS:

91 (A) LENGTH: 63 base pairs

92 (B) TYPE: nucleic acid

93 (C) STRANDEDNESS: single

94 (D) TOPOLOGY: linear

95

## 96 (ii) MOLECULE TYPE: DNA

97

98

## 99 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

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100  
101 GATCTACTAG TTCCCTCCCC CCACCACTTC CCGGAATAGC CCCACCCTTC TAACCGCTCC 60  
102  
103 CTG 63  
104  
105  
106 (2) INFORMATION FOR SEQ ID NO:4:  
107  
108 (i) SEQUENCE CHARACTERISTICS:  
109 (A) LENGTH: 71 base pairs  
110 (B) TYPE: nucleic acid  
111 (C) STRANDEDNESS: single  
112 (D) TOPOLOGY: linear  
113  
114 (ii) MOLECULE TYPE: DNA  
115  
116  
117 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
118  
119 TCCCGTTCCA CACGCAGTTC TACCCTGAAA CCCACAGTCC CCGCCCCAGC CGGACTTTCC 60  
120  
121 AGGGCGCGCC C 71  
122  
123 (2) INFORMATION FOR SEQ ID NO:5:  
124  
125 (i) SEQUENCE CHARACTERISTICS:  
126 (A) LENGTH: 40 base pairs  
127 (B) TYPE: nucleic acid  
128 (C) STRANDEDNESS: single  
129 (D) TOPOLOGY: linear  
130  
131 (ii) MOLECULE TYPE: DNA  
132  
133  
134  
135 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
136  
137 GACCCGGGCG CGCCGGAGCA GTGCTATTCA AACCATCCAG 40  
138  
139 (2) INFORMATION FOR SEQ ID NO:6:  
140  
141 (i) SEQUENCE CHARACTERISTICS:  
142 (A) LENGTH: 40 base pairs  
143 (B) TYPE: nucleic acid  
144 (C) STRANDEDNESS: single  
145 (D) TOPOLOGY: linear  
146  
147 (ii) MOLECULE TYPE: DNA  
148  
149  
150 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
151  
152 CGAGATCTAC TAGTTCTGCA CCAATAGGTT AATGAGTGTC 40

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153  
154  
155  
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157

158 (2) INFORMATION FOR SEQ ID NO:7:

159

160 (i) SEQUENCE CHARACTERISTICS:

161 (A) LENGTH: 33 base pairs

162 (B) TYPE: nucleic acid

163 (C) STRANDEDNESS: single

164 (D) TOPOLOGY: linear

165

166 (ii) MOLECULE TYPE: DNA

167

168

169 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

170

171 GACCCGGGCG CGCCTCTGTC ACCTTCCTGT TGG

33

172

173 (2) INFORMATION FOR SEQ ID NO:8:

174

175 (i) SEQUENCE CHARACTERISTICS:

176 (A) LENGTH: 34 base pairs

177 (B) TYPE: nucleic acid

178 (C) STRANDEDNESS: single

179 (D) TOPOLOGY: linear

180

181 (ii) MOLECULE TYPE: DNA

182

183

184 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

185

186 CGAGATCTAC TAGTTCTCTG CTGTCTGCTC TGTC

34

187

PAGE: 1

**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/08/849,117**

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*INPUT SET: S32143.raw*

Line

Error

Original Text